

C23 X

Site	Orange Duemling
ID #	MOD 980686281
Br	1a3
Other	EPA
	10-2-86

OCT 07 1986

Mr. Emmitt Southard, Sr
RR #1, Box 338
Joplin, Missouri 64801

Dear Mr Southard

We are providing you with a copy of the analytical results and field sheet for the water sample collected from the well on your property in August 1986. The sample was taken by Jeff Weatherford of the United States Environmental Protection Agency (EPA) This sampling is a followup of the Tri-State Mining District (I D No MOD 980686281) sampling conducted in February 1986

We have reviewed the analytical results from your well and have found that the levels of lead no longer exceed EPA's Primary Drinking Water Standards, which were established for public water supplies The other metals identified in your sample are considered to be the natural or background level for your area

A key for interpreting the letter codes used and a map showing the sample location are also included If you have any questions regarding this analytical data, please contact Gene Gunn of my staff at (913) 236-2856.

Sincerely yours,

Robert L Morby
Chief, Superfund Branch
Waste Management Division

Enclosure

cc Stan Jorgenson, MDNR (w/enclosures)
John Bagby, Ph D , MDOH (w/enclosures)
Mr William Gory, Jasper County Health Dept

40113985



bcc Rowena Michaels, PBAF, Ron Ritter, CIGL Ralph Langemeier DRNK

WSTM SPFD TECH VFLEMING pdp X685 7/15/86 fleming disk 1 update 9/25/86 odw (du)
TECH ATSDR TECH SPFD
GUNN SKOWRONSKI HERNDON MORBY DRNK
10/1/86 10/2/86 10/2/86 10/6/86
10-2-86

EPA REGION VII
DATA QUALIFICATION CODES

- U - Compound was not detected
- M - Compound was qualitatively identified, however, quantitative value is less than contract required detection limits (CLP data), or value is less than limit of quantitation (EPA data)
- J - Compound was qualitatively identified, however, compound failed to meet all QA criteria and therefore is only an estimated value
- I - Analysis attempted, but no results can be reported
- O - Sample lost or not analyzed
- L - Value known to be higher than value reported

FIELD SHEET
U S ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV 25 FUNSTON RD KANSAS CITY, KS 66115

Site Name Tri-State Mtny - Jasper
Location Joplin, MO (Jasper County)

Site Number 36
Site Code

Collected YR 86 MO 08 Day 13 Time 1845 Leader Weatherford

Sample Number CKJ36003

SMD #

Sample Media (circle one)

SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER

Sample Split (circle one) YES

NO

Sample Container Tag Color Preservative Analysis Requested

1 Liter Cubitainer White HNO₃, Ice Total Metals

Depth N/A Part # N/A Aliquots N/A

Samplers Weatherford

Doherty

COMMENTS OF FIELD PERSONNEL

Site Description Emmitt Southard Livestock Well - resample
initial showed high lead - 79 ug/L

LOW HAZARD

ANALYSIS TYPE TOTAL METALS

TITLE TRI-STATE MINING-CHEROKEE CO

LAP' EFA REGION VII

SAMPLE FREEF N/A ANALYST/ENTRY GLM

MATRIX. WATER

METHOD* 2001W77

REVIEWER: pas

DATE* 08/21/86

SAMPLE NUMBERS

CNJ36003

ELEMENT	UNITS	
SILVER	UG/L	10. U
ALUMINUM	UG/L	50 U
ARSENIC	UG/L	50 U
BARIUM	UG/L	60
BERYLLIUM	UG/L	2. U
CADMIUM	UG/L	5 U
COBALT	UG/L	10 U
CHROMIUM	UG/L	10. U
COPPER	UG/L	10. U
IRON	UG/L	450
MANGANESE	UG/L	16
MOLYBDENUM	UG/L	10. U
NICKEL	UG/L	20 U
LEAD	UG/L	50 U
ANTIMONY	UG/L	50 U
SELENIUM	UG/L	50 U
TITANIUM	UG/L	50 U
THALLIUM	UG/L	300 U
VANADIUM	UG/L	10. U
ZINC	UG/L	2600
CALCIUM	MG/L	180
MAGNESIUM	MG/L	4.5
SODIUM	MG/L	15
POTASSIUM	MG/L	2. U

